Methods

Primers used for real-time PCR analysis

For IRS1, muscle RING-finger protein-1 (MuRF1), PRAS40, and peptidylprolyl isomerase A (PPIA), QuantiTect primer assays were purchased from Qiagen (Hilden, Germany). Fbxo32 primers with the following sequences: forward-ATTAACGAAGCACAAGTCTG, reverse-GAATAAGATGGCACCAAGG, and ribosomal protein 28 (RPS28) primers with the following sequences: forward-GGTCTGTCACAGTCTGCTCC, reverse-CATCTCAGTTACGTTGCG were designed using the NCBI Primerblast tool and ordered from Eurogentec (Seraing, Belgium).